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(71) Applicant (for all designated States except US): **MERCK
PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293
Darmstadt (DE).
(72) Inventors; and
(75) Inventors/Applicants (for US only): **FIEBIG, Helmut**
[DE/DE]; Baeckerweg 10, 21493 Schwarzenbek (DE).
NANDY, Andreas [DE/DE]; Nuesslerkamp 89, 22175
Hamburg (DE). **CROMWELL, Oliver** [GB/DE]; Am Brook
17, 23701 Suesel-Fassendorf (DE).
(74) Common Representative: **MERCK PATENT GMBH**;
Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(54) Title: DNA SEQUENCE, AND RECOMBINANT PREPARATION OF THE GRASS POLLEN ALLERGEN LOL P 4

(57) Abstract: The present invention relates to the provision of a DNA sequence of the major grass pollen allergen Lol p 4. The invention also encompasses fragments, new combinations of partial sequences and point mutants having a hypoallergenic action. The recombinant DNA molecules and the derived polypeptides, fragments, new combinations of partial sequences and variants can be utilised for the therapy of pollen-allergic diseases. The proteins prepared by recombinant methods can be employed for *in vitro* and *in vivo* diagnosis of pollen allergies.